



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### SOUTH DAKOTA, West

SDZ024-028

Northern Black Hills - Central Black Hills

02 2100MST  
03 0700MST

0 0

Heavy Snow

A late season snow event covered the northern and central Black Hills under 5 to 10 inches of snow. The surrounding plains also received snow, amounts were much less, however, in the 1 to 3 inch range. A new record low of 32 degrees was also set in Rapid City.

Ziebach County  
2 W Glad Vly

16 1630MST  
windows broken

0 0

Hail (1.75)

Todd County  
Rosebud

17 1726MST

0 0

Hail (1.00)

Mellette County  
Wood

17 1812MST

0 0

Hail (0.75)

Meade County  
5 NW Sturgis to  
10 NW Sturgis

18 0600MST  
1600MST

0 0

Urban/Sml Stream Fld

Pennington County  
35 E Rapid City to  
15 E Rapid City

18 0600MST  
1600MST

0 0

Urban/Sml Stream Fld

SDZ001-013>014-026-  
031>032-043

Harding - Meade Co. Plains - Ziebach - Central Foot Hills - Pennington Plains - Haakon - Jackson

18 0730MST  
1615MST

0 0

High Wind (G78)

Lawrence County  
Deadwood

18 0800MST  
1600MST

0 0

Urban/Sml Stream Fld

Butte County  
Belle Fourche to  
30 E Belle Fourche

18 1000MST  
1600MST

0 0

Urban/Sml Stream Fld

Heavy rain over the northern and central Black Hills, and the northern and central foothills caused some area creeks to rise out of their banks and resulted in some low land flooding. Some roads were closed in the Deadwood area. Strong winds were also associated with the precipitation in Northwest and Western South Dakota.

SDZ002-012

Perkins - Butte

18 2100MST  
21 1800MST

0 0

Flood

Heavy rain during the overnight and afternoon hours of the 17th and 18th resulted in low land flooding along the south fork of the Moreau river in northern Butte county and later along the mainstream of the Moreau river in southern Perkins county. The heavy rains also caused some low land flooding along the Cheyenne river, downstream of the confluence with the Belle Fourche river in southern Perkins county. No injuries or damage were reported with the flooding along either river.

Pennington County  
10 E Scenic

19 1800MST

0 0

Hail (1.50)

Pennington County  
Wall

19 1810MST

0 0

Thunderstorm Wind (G52)

Jackson County  
Wanblee

19 1835MST  
20 1835MST

0.1 1

0 0

Tornado (F0)

Mellette County  
3 E Norris

19 1910MST

0 0

0.50K

Hail (2.75)

Broken windows and some crop damage.



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<b><u>SOUTH DAKOTA, West</u></b>								
Lawrence County 19 NW Deadwood	22	1849MST	0	0	0	0		Tornado (F0)
Meade County 12 SW Hereford	23	1625MST			0	0		Hail (0.88)
Meade County 12 SW Hereford	23	1640MST			0	0		Hail (1.75)
Meade County 10 NW Ellsworth Afb	23	1703MST 1715MST	5	200	0	0		Tornado (F0)
Mellette County 1 W White River	23	1721MST			0	0		Hail (1.75)
Meade County 10 NNW Ellsworth Afb	23	1730MST	0.1	150	0	0	1K	Tornado (F0)
A corral was damaged and some fences were taken out by the tornado.								
Meade County 6 N Ellsworth Afb	23	1750MST 1755MST	3	150	0	0		Tornado (F0)
Todd County 5 N Olsonville	23	1803MST	0.1	150	0	0		Tornado (F0)
Pennington County 11 N Wall	23	1936MST			0	0		Hail (1.75)
Fall River County 3 W Hot Spgs	24	1620MST 1625MST	0.3	66	0	1	166K	Tornado (F1)
A roof was blown off a house, and two campers and a boat trailer were damaged. A mobile home was also destroyed with a young man on the porch of the house thrown.								
Custer County Fairburn	24	1724MST			0	0	50K	Thunderstorm Wind (G52)
A vacant mobile home was destroyed, a roof was torn off a shed and two twelve inch diameter trees were blown down.								
Custer County Hermosa	24	1734MST			0	0		Thunderstorm Wind (G54)
Pennington County 7 SW Rapid City	24	1740MST			0	0		Hail (0.75)
Meade County Black Hawk	24	1747MST			0	0		Hail (0.75)
Pennington County 8 E Rapid City	24	1747MST			0	0		Thunderstorm Wind (G50)
Pennington County Caputa	24	1755MST			0	0		Thunderstorm Wind (G52)
Some tree damage.								
Pennington County 10 S Wall	24	1800MST			0	0		Thunderstorm Wind (G51)
Meade County Elm Spgs	24	1822MST			0	0		Thunderstorm Wind (G61)
Large tree blown over								

As thunderstorms passed over the southwest corner of South Dakota, a brief tornado touched down in the Hot Springs area. One person was injured when the porch of the mobile home he was standing on was destroyed. The mobile home was also destroyed. The roof of a nearby home was torn off by the same tornado as well as damaging two campers and a boat trailer. This same storm later resulted in high winds of 55 to 70 mph which raced across west central South Dakota, east of the Black Hills. A vacant mobile



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### SOUTH DAKOTA, West

home was destroyed along with a roof being torn off a shed in the Fairburn area.								
<b>Lawrence County</b>								
<b>Spearfish</b>	26	1420MST			0	0		<b>Hail (0.88)</b>
<b>Meade County</b>								
<b>7 N Howes</b>	26	1615MST			0	1		<b>Hail (4.50)</b>
A motorist was injured by broken glass and hail.								
<b>Haakon County</b>								
<b>2 SW Kirley</b>	26	1735MST			0	0		<b>Hail (2.75)</b>
Numerous broken windows.								
<b>Haakon County</b>								
<b>15 E Milesville</b>	26	1745MST			0	0		<b>Hail (2.75)</b>
Barn damaged along with some broken skylights								

### WYOMING, Northeast

<b>WYZ057</b>	<b>Wyoming Black Hills</b>							
	02	2100MST			0	0		<b>Heavy Snow</b>
	03	0700MST						
A late season snow event resulted in three to eight inches of snow in the Wyoming Black Hills.								
<b>Weston County</b>								
<b>20 NW Newcastle</b>	11	1120MST	0	.5	0	0		<b>Tornado (F0)</b>
Atmospheric conditions over eastern Weston county resulted in some cold air funnels with brief touchdowns near the Newcastle area. No damage or injuries were reported with the tornadoes.								
<b>Crook County</b>								
<b>9 SE Sundance</b>	13	1530MST 1535MST			0	0		<b>Hail (1.00)</b>
<b>Crook County</b>								
<b>9 SE Sundance to     10 SE Sundance</b>	13	1530MST 1537MST	1.5	20	0	0	20K	<b>Tornado (F1)</b>
Damage was sustained to a three car garage, several bam roofs, several campers, and a home satellite dish								
<b>Campbell County</b>								
<b>Weston</b>	22	1550MST			0	0		<b>Hail (1.00)</b>
<b>Campbell County</b>								
<b>Weston</b>	22	1550MST			0	0		<b>Thunderstorm Wind (G52)</b>
<b>Campbell County</b>								
<b>10 NE Weston</b>	22	1555MST			0	0		<b>Hail (1.75)</b>
<b>Campbell County</b>								
<b>Weston</b>	22	1700MST 2000MST			0	0		<b>Flash Flood</b>
General flooding was reported near Weston with stock ponds overflowing and roads being threatened.								
<b>Crook County</b>								
<b>12 SW Sundance</b>	22	1713MST			0	0		<b>Hail (2.75)</b>